

AMENDMENTS TO THE CLAIMS

Please replace the claims, including all prior versions, with the listing of claims found below.

Listing of Claims:

1. (Currently amended) A cellular communications system ~~having a number comprising:~~
a plurality of communications cells (1) with at least one base station (2) each for cordless communication with a ~~large number of~~ mobile telephones (5); and
a home location register (3) for registration of the mobile telephones (5),
~~characterized in that— wherein~~ at least one of the mobile telephones (5) ~~can~~ is configured to be switched to a passive mode, in which ~~it is not recognizable as a normal network subscriber and the~~ mobile telephone detects ~~only~~ a specific search signal for ~~this~~ the mobile telephone, and ~~then~~ emits a response signal,
—— the home location register (3) has a memory (4) ~~for storing~~ to store data about mobile telephones (5) in the passive mode,
—— the base stations (2) are ~~designed~~ configured to send mobile-telephone-specific search signals in a ~~search operation for mobile telephones in~~ the passive mode,
—— the home location register (3) has a control device (6), which is ~~designed~~ configured to initiate at least one search operation at the instigation of an authorized user, and, and determines the position or status of the mobile telephone as a result of response signals received by the base stations (2) ~~from the sought mobile telephone (5), to determine its position and/or status.~~
2. (Currently amended) The cellular communications system as claimed in claim 1,
~~characterized in that wherein~~ the passive mode of ~~a one of the~~ mobile telephone (5) can telephones is configured to be switched on and off by a user by ~~means of~~ a user identification code.
3. (Currently amended) The cellular communications system as claimed in claim 1 ~~or 2~~,
~~characterized in that~~ 1, wherein are of the mobile telephone (5) is telephones are switched on by reception of the search signal.

4. (Currently amended) The cellular communications system as claimed in ~~one of claims 1 to 3,~~
~~characterized in that~~claim 1, wherein the search signal is encrypted.
5. (Currently amended) The cellular communications system as claimed in ~~one of claims 1 to 4,~~
~~characterized in that~~claim 1, wherein the search signal is pulsed.
6. (Currently amended) The cellular communications system as claimed in claim 5,
~~characterized in that~~wherein one of the mobile telephone (5) telephones in the passive mode allows
periodic reception of the search signal in synchronism with ~~its~~a pulse repetition frequency.
7. (Currently amended) The cellular communications system as claimed in ~~one of claims 1 to 6,~~
~~characterized in that~~1, wherein the response signal is encrypted.
8. (Currently amended) The cellular communications system as claimed in ~~one of claims 1 to 7,~~
~~characterized in that~~1, wherein at least one ~~of the mobile telephone (5) telephones~~ has a memory
facility for storing various statuses detected by sensors ~~or capable of being set by a user,~~ the
response signal emitted by the mobile telephone (5) ~~transmitting information about the operating~~
statuses stored by the memory.
9. (Currently amended) The cellular communications system as claimed in claim 1, wherein
~~one of claims 1 to 8,~~
~~characterized in that~~the mobile telephone (5) telephones in the passive mode cannot roam.
10. (Currently amended) A method for determining the position of a mobile telephone (5) in a
~~cellular communications network,~~
~~the mobile telephone (5) being switchable to a passive mode, in which it is not recognizable as a~~
~~normal network subscriber and detects only a specific search signal for this mobile telephone (5),~~
~~and then sends a response signal, and the mobile telephone (5) in the passive mode being stored in~~

~~the associated home location register (3) of the communications network, the search operation comprises the following steps comprising:~~

- ~~—— emission of the emitting a specific search signal by selected base stations (2);~~
- ~~—— reception of receiving the response signal from the sought mobile telephone (5) by one or more base stations (2); and~~
- ~~—— as a result of the recorded response signals, determination of a determining position area where the sought mobile telephone (5) is located as a result of the received response signal.~~

11. (Currently amended) The method as claimed in claim 10, ~~characterized in that~~wherein the base stations (2) for emitting the search signal are chosen selectively depending on ~~the~~ information stored in ~~the~~a home location register (3).

12. (Currently amended) The method as claimed in claim 9 ~~or~~ 10, wherein ~~characterized in that~~ the search operation is performed repeatedly.

13. (Currently amended) The method as claimed in ~~one of claims 10 to 12,~~ claim 10, wherein ~~characterized in that~~ the search ~~signal~~signal and/or response ~~signal~~signal are encrypted.

14. (Currently amended) The method as claimed in claim 13, wherein ~~characterized in that~~ the encryption codes are changed after a search operation.

15. (Currently amended) The method as claimed in ~~one of claims 10 to 14,~~ claim 10, wherein the mobile telephone (5) in the passive mode is periodically ready to receive the search signal.

16. (Currently amended) The method as claimed in claim 15,

~~characterized in that~~wherein the search signal is transmitted in pulsed form.

17. (Currently amended) The method as claimed in ~~one of claims 10 to 16,~~
~~characterized in that~~claim 10, wherein mobile telephones ~~(5)~~ in the passive mode cannot roam.

18. (Currently amended) The method as claimed in ~~one of claims 10 to 17,~~
~~characterized in that~~claim 10, wherein a user authorized to execute a search operation is identifiable
by ~~means of~~ an identification code.

19. (Currently amended) The method as claimed in ~~one of claims 10 to 18,~~
~~characterized in that~~claim 10, wherein the signal strength and/or time of reception of a response
signal received from the mobile telephone ~~(5)~~ in one or more cells ~~(4)~~ is used for determining the
position of the ~~sought~~ mobile telephone ~~(5)~~.

20. (Currently amended) A mobile telephone for a cellular communications network, which
mobile telephone can be switched to a passive mode, in which the mobile telephone ~~(5)~~ is not
recognizable as a ~~normal~~ network subscriber and detects ~~only~~ a specific search signal for ~~this~~the
mobile telephone ~~(5)~~, and ~~then~~ sends a response signal in reply.

21. (Currently amended) The mobile telephone as claimed in claim 20, wherein
~~characterized in that~~
the passive mode can be switched on and off by ~~means of~~ a user identification code.

22. (Currently amended) The mobile telephone as claimed in claim ~~19 or~~ 20,
~~characterized in that~~wherein the emitted response signal is encrypted.

23. (Currently amended) The mobile telephone as claimed in ~~one of claims 20 to 22,~~
~~characterized in that~~claim 20, wherein the mobile telephone ~~(5)~~ has one or more sensors for
detecting noises, brightness, temperature or similar.

24. (Currently amended) The mobile telephone as claimed in ~~one of claims 20 to 23,~~
~~characterized in that~~claim 20, wherein the mobile telephone (5) is designed for use ~~only~~ in passive mode.

25. (New) The method as claimed in claim 10, wherein the mobile telephone is switchable to a passive mode, in which it is not recognizable as a normal network subscriber and detects a specific search signal for the mobile telephone, and then sends a response signal, and the mobile telephone in the passive mode is stored in the associated home location register of the communications network.